



CODE WORKS!

WWW.MICHIGAN.GOV/BCC

WINTER 2010

ATTENTION READERS!

In an attempt to reach more organizations and individuals involved in code inspections, we're asking for your help in getting the word out! If you know of an organization or individual that would benefit from the information posted in BCC's newsletter, please direct them to our website at www.michigan.gov/bcc. Then, click on the "Publications/Bulletins/Interpretations/Advisories" link for more information on how to subscribe to and receive an electronic notification of when each quarterly newsletter is posted.

CODE CHANGES

Please visit BCC's website to monitor updates on code review processes.

BCC OFFICES CLOSED:
FEBRUARY 15

WORDS FROM DEPUTY DIRECTOR BETH ABEN

As most of you know, the bureau recently requested a fee increase for 1986 PA 54 instructors and programs. While we understand this proposal was met with opposition, the fee increase is necessary to support program activities. After careful deliberation, the Construction Code Commission approved the fees after the conclusion of a public hearing held on January 6, 2010. The new fees become effective April 1, 2010. The bureau did make one change to the fee proposal relative to instructor renewals before submission to the Commission. While the instructor fee will increase to \$100 effective April 1, 2010, if approved, the instructor will receive a lifetime approval, rather than being required to renew every 3-year cycle. Submissions received and receipted by March 31, 2010, will be processed under the current fee structure; therefore you still have the opportunity to take advantage of the current fee. All instructors who are active in the current registration cycle (2009-2012) will receive a letter prior to the end of the cycle to confirm their lifetime approval status.

Program approvals are increased to \$150 effective April 1, 2010. Therefore, in order to benefit from the current fee schedule, I encourage you to submit any new programs for the cycle by the end of March. The fee and program application must be receipted by March 31, 2010. The bureau is committed to working with instructors and organizations to minimize costs where possible; therefore, we are reviewing our current processes and procedures to determine if efficiencies may be achieved. If you have suggestions you believe beneficial, please forward to the bureau's email address at bccinfo@michigan.gov.

Thank you for your continued support of education and training programs for code officials, inspectors and plan reviewers. You will find the necessary forms for instructor and program applications on the bureau's website. A link to all forms is found on the left side of the bureau's home page.

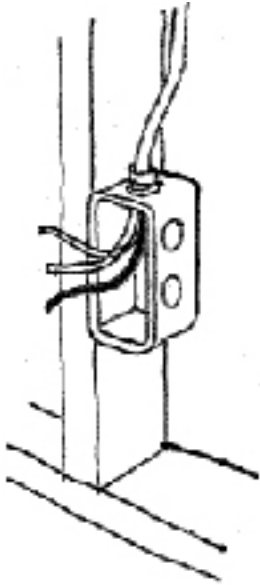
PROVIDING FOR
MICHIGAN'S SAFETY
IN THE BUILT ENVIRONMENT

PLAN REVIEW DIVISION

ELECTRICAL CONDUCTOR LENGTH (FOR SPLICE OR TERMINATION)

By Todd Cordill, NCARB, Chief

Plan Review Division



In 2009, several different local enforcing agencies cited inadequate conductor length of electrical wiring at an electrical box as a common violation with premanufactured units. In most cases, it has involved the ground conductor. The 2005 Michigan Electrical Code (MEC), Article 300.14 states:

“At least 150 mm (6 in.) of free conductor, measured from the point in the box where it emerges from its raceway or cable sheath, shall be left at each outlet, junction and switch point for splices or the connection of luminaries (fixtures) or devices. Where

the opening to an outlet, junction, or switch point is less than 200 mm (8 in.) in any dimension, each conductor shall be long enough to extend at least 75 mm (3 in.) outside the opening.

Exception: Conductors that are not spliced or terminated at the outlet, junction, or switch point shall not be required to comply with 300.14.”

This requirement is the same under the 2008 MEC, Article 300.14 that took effect December 2, 2009. This

requirement is also in Section E3306.10.3 of the 2006 Michigan Residential Code. If this requirement is not met during the manufacturing process for premanufactured units, it is expensive to correct a violation in the field. The remedy can range from opening walls and ceilings and re-wiring entire runs of cable to simply pulling new wires through the conduit and boxes in place.

An enforcing agency can cite violations of the code that were not caught during the manufacturing process, and report them to the Plan Review Division, per Rule 1142 (4) of the Part 11 Rules concerning the disposition of noncomplying units. Staff of the Plan Review Division will contact a manufacturer and in-factory inspection agency about the code violations a local enforcing agency has discovered. The manufacturer and inspection agency have the opportunity to state the reason for the item of noncompliance and how it may be corrected in the field. Local enforcing agencies shall report such items of noncompliance using the form found on the bureau’s website, “Notice of Premanufactured Violation”.

The requirements listed above for premanufactured units differ from the Code of Federal Regulations 24 (Part 1700 to end) Housing Urban Development standard for wiring methods and materials.

Please contact the Plan Review Division at (517) 241-9328 with any questions.

ELEVATOR SAFETY DIVISION

ELEVATOR RULES CHANGES

By Cal Rogler, Chief

Elevator Safety Division

The Elevator Safety Division is in the process of updating the elevator rules to the most current safety standards. The code committee has reviewed the standards the Elevator Safety Division uses to regulate elevating devices in Michigan and the Michigan Elevator Rules.

It is anticipated the new rules will take effect by the middle of the 2010 calendar year.

The new Michigan Elevator Rule set adopts the following standards:

- American Society of Mechanical Engineers, Safety Code for Elevators and Escalators, ASME A17.1-2007.

- American Society of Mechanical Engineers, Safety Standards for Platform Lifts and Stairway Chairlifts ASME A18.1-2008.
- American Society of Mechanical Engineers, Safety Standard for Belt Manlifts, ASME A90.1-2003.
- American National Standard, Safety Requirements for Personnel Hoists and Employee Elevators for Construction and Demolition Operations, ANSI A10.4-2007.

These editions of the standards are currently available from the American Society of Mechanical Engineers, at (800) 843-2763 or Global Engineering at (877) 413-5184. Be sure to specify the correct edition you are requesting.

If you have any questions regarding the new code, please contact the Elevator Safety Division at (517) 241-9337.

BOILER DIVISION

ASME CODE CSD-1, PARAGRAPH CG-610 AND MORE

Robert Aben, Chief Boiler Division

Licensed boiler installers must remember it is their obligation to assure equipment installed by them is in compliance with the requirements of ASME Code CSD-1. This is the licensee's obligation under their State of Michigan license regardless of who purchased the boiler or equipment.

Paragraph CG-610 of ASME Code CSD-1, states two requirements: 1) Safety controls required by CSD-1 to lockout shall not be reset remotely from the equipment. Someone must inspect the boiler to determine the reason for lockout before resetting the control; and 2) Safety controls shall not be electronically or automatically reset.

Having used the term "automatically", let me explain. Several places in CSD-1 you will see the phrase "automatic or manual reset type" in reference to safety controls. That phrase is always in close proximity to an EXCEPTION note which states, "Lockout is not required for boiler units installed in residences..." CSD-1 applies to boilers ranging from 0 to 12,500,000 btu/hr input and to all installation locations. Also note several allowances (in the CF tables) for a one time automatic recycle with specific time element requirements.

Over the years, I have heard licensees refer to a boiler as "residential". The heating industry may use this term to refer to small boilers, but remember when talking code requirements, there is no such term. The proper reference is "a boiler in a residence". Therefore, unless the boiler is installed in a residence where the boiler law has no jurisdiction, the boiler and its controls must be in compliance with ASME Code CSD-1.

Since the rule change effective November 6, 2006, adopting the 2005 ASME Code CSD-1, most of the electronic probe type low water cutoffs found on boilers do not meet CSD requirements. It has been observed that many of these cutoffs when locked out due to a low water issue, will reset by switching the control power off and back on. Only a few models meet the new requirements. Be aware of this when purchasing low water probe type cutoffs or any other controls for use on a boiler within the jurisdiction of the boiler law.

As a reminder, effective July 27, 2009, the 2006 edition of CSD-1 was adopted.

Questions may be directed to the Boiler Division at (517) 241-9334.

BOARD AND COMMISSION MEETINGS

<u>Meeting</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Barrier Free Design Board	March 12	9:30 am	Okemos – Conf Room 3
	May 14	9:30 am	Okemos – Conf Room 3
Board of Boiler Rules	March 17	9:30 am	Okemos – Conf Room 3
Construction Code Commission	April 7	9:30 am	Okemos – Conf Room 3
Electrical Administrative Board	February 18	9:30 am	Okemos – Conf Room 3
	May 20	9:30 am	Okemos – Conf Room 3
Elevator Safety Board	March 26	9:30 am	Okemos – Conf Room 3
Manufactured Housing Commission	April 21	10:00 am	Okemos – Conf Room 3
Board of Mechanical Rules	May 19	9:00 am	Okemos – Conf Room 3
State Boundary Commission	March 18	1:30 pm	Okemos – Conf Room 3
	April 15	1:30 pm	Okemos – Conf Room 3
	May 13	1:30 pm	Okemos – Conf Room 3
State Plumbing Board	March 2	10:00 am	Okemos – Conf Room 3

Dates and times are subject to change. Visit the [BCC website](http://www.michigan.gov/bcc) for updates.

OFFICE OF LAND SURVEY AND REMONUMENTATION

REMONUMENTATION PROGRAM UPDATE

By Chris Beland, Professional Surveyor
Office of Land Survey & Remonumentation

In July 2008, the Department of Energy, Labor & Economic Growth (DELEG), representing the Bureau of Construction Codes, Office of Land Survey and Remonumentation (OLSR), requested guidance from the Office of the Attorney General (OAG) regarding the proper administration of the State Survey and Remonumentation Act, 1990 PA 345, MCL 54.261-279. The advice was sought to clarify OLSR responsibilities as they pertain to corner positions not originally monumented by the General Land Office (GLO). Specifically, positions reported to lie within naturally occurring bodies of water, e.g., stream, river, lake, pond, etc., at the time the lands were physically surveyed and the lines run by the federal surveyors. In September of this year, OLSR received a copy of the legal advice rendered by the OAG.

In their advice, the OAG concludes that the Act's purpose was to allow for the "...restoration, rehabilitation or remonumentation..." of original corners "...established and monumented by the United States..." public land survey. The OAG advises that in the proper administration of the Act, DELEG, as represented by OLSR, "...may properly refuse to allow a county to include in the survey and remonumentation program public land survey corners" or "property controlling corners" the position of which were not previously established and monumented by the United States and or its contractors..."

The OAG performed a vast amount of research in the compiling of its advice. Quoted in their response is the Senate Fiscal Agency's (SFA) analysis of Senate Bill 380 (1990 PA 345 before adoption). The OAG discusses language from both the "Rationale" section and the first "Supporting Argument" of the SFA analysis as it lends directly to understanding the founding principles of the Act.

The SFA analysis clearly states the bill is intended to perpetuate "...approximately 165,200 section and quarter-section 'corners' set at half-mile intervals across the State", and that "...\$500 per corner is the average cost if a marker is missing and must be replaced..." Based on the SFA analysis in 1990, it was estimated the complete monumentation and

remonumentation of the state would take approximately 20 years and cost the Michigan public \$83 million.

In the 9th Biennial Report to the Legislature, the current status of the program is recapped. The report states through the 2008 grant year approximately 122,000 corners have been monumented or remonumented with nearly \$101 million being distributed. At the close of the 2008 grant year, the program completed its 15th year. An evaluation of these numbers would indicate the program is on track to be completed as planned; 122,000 corners equates to approximately 74 percent of the originally estimated 165,200, and 15 years is 75 percent of the program's 20-year life cycle.

However, many counties have included in their programs corner positions that were not originally "established and monumented" by the United States public land survey. And correspondence with the counties indicates though a few counties are close to completion, the average completion rate for most counties is less than 50 percent, leaving approximately a 25 percent discrepancy between where the program should be and where the program actually is.

Given the advice provided by the OAG and supported by the current status of the program, the bureau has determined the original intent of the program must be upheld in order to complete the program in an expeditious manner and properly administer the public funds dedicated to this monumental task.

To accomplish the original goals of the State Survey and Remonumentation Act, OLSR issued Information Memorandum 15 on November 6, 2009. Memorandum 15 addressed the OAG advice stressing the original intent of the program, clarifying the definition of program corners, and limiting the use of program funds. Information Memorandum 15 sets in place, starting with the 2010 grant year, only those corners originally "established and monumented" by the United States public land survey are eligible for reimbursement through the State Survey and Remonumentation Program.

Questions can be directed to OLSR at (517) 241-6321, or email bccolsr@michigan.gov.

OFFICE OF LOCAL GOVERNMENT AND CONSUMER SERVICES

CONSTRUCTION BOARD OF APPEALS

By Michael Somers, Analyst

Office of Local Government and Consumer Services

Each week our office takes calls from contractors and homeowners who have received a code violation notice as a result of a failed inspection. Many of the callers disagree with the inspector's code interpretation and wish to dispute the violation.

In order to address such disputes, a process is authorized by Section 14 of the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230.

MCL 125.1514 of PA 230 requires each local unit of government that elects to administer and enforce the code establish and maintain a Construction Board of Appeals. Requesting a formal appeal hearing is the proper course of

action when a permit holder or any interested party disputes a code interpretation made by a code official.

MCL 125.1514 (1) states in part:

"The board of appeals shall hear the appeal and render and file its decision with a statement of reasons for the decision with the enforcing agency from whom the appeal was taken not more than 30 days after the submission of the appeal."

A formal hearing before a Construction Board of Appeals provides a legitimate and timely recourse to resolve code disputes in the appropriate manner.

Questions may be directed to the Office of Local Government and Consumer Services at (517) 241-9347.

YOUR PARTNER FOR SERVICES AND ASSISTANCE

By Michael Somers, Analyst

Office of Local Government and Consumer Services

The beginning of a new year presents opportunities for us to move forward onto new challenges with the benefit of knowledge gained through our past experiences. As our economy recovers and begins to build a solid foundation for our future, the public we serve still deserves the highest quality services. Unfortunately, with few resources available, local units of government are challenged financially to provide much needed services.

The Bureau of Construction Codes can provide code administration and enforcement services, plan review and inspection assistance, code program evaluation services, contractor licensing investigations and actions, manufactured

housing community audits, technical code assistance, guidance on joint code enforcement, and many other vital construction code services to local units of government throughout the state.

The Bureau of Construction Codes is committed to partnering with local communities by offering construction code services and assistance to provide for the health, safety, and welfare of the public in the built environment.

For additional information on services and assistance, please contact the Office of Local Government and Consumer Services at (517) 241-9347.

NEW ANALYST JOINS DIVISION

By Kevin DeGroat, Regulation Specialist

Office of Local Government and Consumer Services

On October 19, 2009, the bureau appointed Tracie Pack as an analyst in its Office of Local Government and Consumer Services. Ms. Pack, previously with the bureau's Office of Administrative Services, joins three other analysts to handle consumer complaints, manufactured housing community inspection audits, municipal performance evaluations and other assigned duties. An employee of the Department of Energy, Labor & Economic Growth for approximately 10 years, Tracie has considerable administrative experience working with the bureau's manufactured housing and construction trade regulatory programs.



ELECTRICAL DIVISION

INSTALLATION OF WIND AND SOLAR RENEWABLE ENERGY SYSTEMS

By **Dan O'Donnell, Chief**
Electrical Division

With uncertainty in the oil markets and the cost of electricity continuing to rise, there is a renewed interest in renewable sources of energy. Wind turbines and photovoltaic systems are two of the prominent types of renewable energy systems being marketed to consumers today. Industrial, commercial, and residential customers are seeking alternative solutions to their energy needs. Conserving resources, reducing consumption, and lowering utility bills provide a strong catalyst for consumers to look at renewable energy sources as a part of an overall energy plan.

The safe and proper installation of any electrical system is critically important. Renewable energy systems are no exception. Wind turbines and photovoltaic systems must be installed to meet the requirements set forth by any codes, standards, listing and labeling, or manufacturer's requirements

available for the particular system. All equipment must be approved for its intended use. Utility interactive inverters used for the interconnection of systems must be listed and identified for such use.

The installation of wind turbine and photovoltaic systems in Michigan require an electrical contractor's license as stipulated in MCL 338.887 (1) and (2) of the Electrical Administrative Act, PA 217 of 1956. MCL 338.885 (1), also requires all persons performing electrical installations must be licensed. Properly licensed and trained personnel can help assure a safe and code compliant installation. Understanding the potential dangers and recognizing electrical hazards are both part of any safe electrical installation.

Questions can be directed to the Electrical Division at (517) 241-9320.

ELECTRICAL LICENSE RENEWALS

By **Dan O'Donnell, Chief**
Electrical Division

Just a reminder that all master and journey electricians must complete an approved 2008 code update course in order to renew their 2011 electrical license. A list of approved 2008 code update courses can be found on the [bureau's website](#).

Questions related to electrical licensing or the 2008 code update requirements can be directed to the Electrical Division at (517) 241-9320.

BCC CONTACT INFORMATION

Telephone Numbers:

Administration (517) 241-9302
Office of Administrative Services (517) 335-2972
Office of Management Services (517) 241-9313
Boiler Division (517) 241-9334
Building Division (517) 241-9317
Electrical Division (517) 241-9320
Elevator Safety Division (517) 241-9337
Mechanical Division (517) 241-9325
Office of Local Government & Consumer Services (517) 241-9347
Office of Land Survey & Remonumentation (517) 241-6321
(includes State Boundary Commission)
Plan Review Division (517) 241-9328
Plumbing Division (517) 241-9330

Facsimile Numbers:

Administration & Office of Administrative Services (517) 241-9570
Office of Management Services & Plumbing Div. (517) 373-8547
Building, Electrical, Mechanical, Plan Review Div., OLGCS
(517) 241-9308
Office of Land Survey & Remonumentation, Boiler & Elevator
Safety Divisions (517) 241-6301

Mailing Addresses:

P.O. Box 30254 (Codes: general correspondence)
P.O. Box 30255 (Codes: permits, licenses, and other documents
containing payment)
P.O. Box 30704 (Office of Land Survey & Remonumentation)
Lansing, Michigan 48909

PLUMBING DIVISION

PLUMBING LICENSE REPORTING AND THE PLUMBING CODE STATUS

By Robert Konyndyk, Chief

Plumbing Division

The Plumbing Division has several items of interest which will benefit licensees in this edition of Code Works!

Affidavit holders, contractors, masters, journey, and apprentices are reminded to keep their licenses and registrations active and accurate to avoid the loss of licenses and delay in the renewal process. Keeping licenses and registrations current depends a great deal upon notifying the Plumbing Division of a change of address. The State Plumbing Act, 2002 PA 733, Section 31 (1) requires every holder of a license or registration to promptly notify the division of a change of their residence or place of business (address change). The change is to be made on the proper form available on the [bureau's website](#) or mailed upon request.

Failure to notify the division will result in a renewal form not reaching the licensee or registrant. Journey and masters not renewing their license within a three-year timeframe will lose their license and be required to retest. All address changes must be received by the division by the first week in February in order for firms and individuals to receive their renewal applications.

Another consideration which is extremely important to individuals is to provide complete, correct information on forms which are submitted to the division. Over the past several months, 50 to 65 percent of examination applications have not completed the required information fields (e.g., the examination applications were unsigned by the applicant). Incomplete applications require the division to correspond in writing with the applicant and wait for returned corrections in order to schedule the individual for the test. Incomplete applications appear to be from the applicant not taking the time to read the forms or not placing significant importance on providing required information. Also, the license renewal forms previously discussed are another area of concern. Applicants should review the current printed information and make necessary corrections when appropriate. Having updated telephone numbers in order to reach individuals is of great benefit to licensees and registrants and are of great value when inspection agencies attempt to contact licensees.

Questions on these matters may be directed to Robert Konyndyk, Plumbing Division, (517) 241-9330.

PLUMBING CODE UPDATES AND PRODUCT APPROVALS

By Robert Konyndyk, Chief

Plumbing Division

The code process continues for the adoption of the 2009 Michigan Plumbing Code. Licensees will be informed of continuing education requirements and code update classes after implementation of the new code which will be the third code update cycle requirement. I recently participated as a committee member charged with developing the 2012 Plumbing Code edition for the International Code Council. The bulk of the Plumbing Code should be finalized by fall 2010.

As a reminder, we all know the plumbing profession is ever changing with new materials and methods of construction; therefore, please refer to the [bureau's website](#) for new Certificates of Acceptance (product approvals) to stay abreast of these changes.

Questions on these matters may be directed to Robert Konyndyk, Plumbing Division, (517) 241-9330.

INVOICES FOR BUILDING, ELECTRICAL, MECHANICAL & PLUMBING PERMITS CAN NOW BE PAID ONLINE THROUGH BCC'S ONLINE PERMIT MANAGER

BCC can now accept payments online for outstanding invoices for building, electrical, mechanical and plumbing permits. Payment must be made by a credit card and includes an additional processing fee of \$5.00 plus 10% of the total invoice balance. A link to [Online Permitting](#) is provided on the [bureau's website](#) under Quick Links. Step-by-step instructions are provided to guide users through the payment process.

BUILDING DIVISION

AGRICULTURAL BUILDINGS

**By Larry Lehman, Chief
Building Division**

Concerns have been raised with the Building Division recently because some local enforcing agencies have been applying provisions of the Michigan Building Code (MBC) by requiring building permits for buildings or structures that are exempt from the requirements for obtaining building permits as specified by the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230.

While the MBC has a definition of an agricultural building, the determination of when a building permit is required shall be made exclusively upon reviewing the applicable language in the Stille-DeRossett-Hale Single State Construction Code Act, 1972 PA 230.

1. Is the building or structure used for an agricultural purpose? The definition from the Act states:

“Means of, or pertaining to, or connected with, or engaged in agriculture or tillage which is characterized by the act or business of cultivating or using land and soil for the production of crops for the use of animals or humans, and includes, but is not limited to, purposes related to agriculture, farming, dairying, pasturage, horticulture, floriculture, viticulture, and animal and poultry husbandry.”

2. Is the building or structure incidental to the use for agricultural purposes of the land on which the building is located? The definition of “building” from the Act states:

“Means a combination of materials, whether portable or fixed, forming a structure affording a facility or shelter for use or occupancy by persons, animals, or property. Building does not include a building, whether temporary or permanent, incidental to the use for agricultural

purposes of the land on which the building is located if it is not used in the business of retail trade. Building includes the meaning “or part or parts of the building and all equipment in the building” unless the context clearly requires a different meaning.”

3. Is the building or structure used in retail trade? The definition of “building” is again provided for clarity:

“Means a combination of materials, whether portable or fixed, forming a structure affording a facility or shelter for use or occupancy by persons, animals, or property. Building does not include a building, whether temporary or permanent, incidental to the use for agricultural purposes of the land on which the building is located if it is not used in the business of retail trade. Building includes the meaning “or part or parts of the building and all equipment in the building” unless the context clearly requires a different meaning.”

When a building or structure is defined as an agricultural purpose, incidental to and located on land that is an agricultural use, and not used in the business of retail trade, the building or structure is exempt from building, electrical, mechanical and plumbing permit requirements in the State of Michigan based upon the definitions previously provided in this article, the definition of a structure in the Act, and Section 10 (8) of the Act.

“Notwithstanding this section, a building permit is not required for a building incidental to the use for agricultural purposes of the land on which the building is located if it is not used in the business of retail trade.”

Questions regarding this article may be directed to the Building Division at (517) 241-9317.

ELEVATOR SAFETY DIVISION

FULL SIZE ELEVATOR INSTALLED IN A PRIVATE RESIDENCE

**By Cal Rogler, Chief
Elevator Safety Division**

The Elevator Safety Division has been asked to provide the following information regarding the requirements for installing a full size elevator in a private residence. The American Society of Mechanical Engineers (ASME) A17.1 Safety Code for Elevators and Escalators has an elevating device which is designed and approved for installation within a private residence. The device is covered in Section 5.3 and is called a Private Residence Elevator. This device has specific requirements and limitations and must be installed within the stated requirements.

On occasion, a homeowner may desire an elevator which is larger or perhaps the needed rise is more than what the A17.1 Standard will allow for a private residence elevator. The ASME A17.1 Standard will allow a regular passenger elevator to be installed within a private residence. However, the installation

must comply completely with the requirements for a regular passenger elevator. None of the private residence elevator requirements may be used when installing a regular passenger elevator in a private residence. There are many areas of A17.1 which differ between a private residence elevator and a regular passenger elevator. Some of the areas which differ are the pit and overhead clearances as well as the hoistway door and car door requirements. Private residence elevators have rather minimal requirements for an elevator machine room. However, regular passenger elevators require a separate machine room which is properly secured and dedicated to elevator equipment only. When a regular passenger elevator is installed in a private residence, the machine room must comply completely with the requirements.

If you have any questions or concerns with regards to an elevator, please contact the Elevator Safety Division at (517) 241-9337.

MECHANICAL DIVISION

INSTALLING BOILERS IN RESIDENCES WITH LESS THAN 6 FAMILIES

**By Tennison Barry, Chief
Mechanical Division**

Effective June 11, 2008, a change to the Boiler Act of 1965, 1965 PA 290, MCL 408.757(e) directly affected mechanical contractors by being amended to exempt:

“[Steam and] hot water boilers operated at a pressure not exceeding 160 p.s.i.g. or a temperature not exceeding 250 degrees Fahrenheit that are located in a private residence or in an apartment building with a capacity of less than 6 families.”

With the addition of this exemption to PA 290, it became the responsibility of mechanical contractors licensed in hydronic heating and process piping to now install that equipment.

Furthermore, Board of Boiler Rules General Rules, Rule 408.4047(b) and (h) exempt:

(b) “A swimming pool heater, open car wash heater, and similar types of equipment which do not have intervening

valves on the return or discharge piping, which do not have a reduction in pipe size in the return or discharge piping, and which do not generate more than normal circulating pump pressure.”

(h) “A water tube or coil type hot water heating boiler requiring forced circulation not exceeding any 1 of the following:

- (i) Maximum water temperature of 200 degrees Fahrenheit.
- (ii) Relief valve set pressure of 30 psi.
- (iii) Heat input of 200,000 BTU/hr.”

Again, with the addition of the PA 290 exemption, it is now the responsibility of mechanical contractors licensed in hydronic heating and process piping to install this equipment as well.

If you have any questions, please direct them to Tennison Barry, Mechanical Division, (517) 241-9325.

LICENSE EXAMINATION DATES

BCC ONLINE SERVICES

[Manufactured Home Affidavit of Affixture](#)
[Online Lookup](#)
[Online License Search](#)
[Disciplinary Action Report](#)
[Easy Access to Permit & License Verification](#)
[Statewide Search for Subdivision Plats](#)
[Statewide Search for Remonumentation Data](#)
[County Remonumentation Data Entry](#)
[Building System Approval Reports](#)
[Online Code Training Series](#)

BCC QUICK LINKS

[Online Permitting](#)
[Online License Renewals](#)
[Codes & Standards Order Form](#)
[Statewide Jurisdiction List](#)
[Local School Construction Enforcement List](#)
[Product Approvals](#)

CIVIL SERVICE WEBSITE

[State Job Postings](#)

Code Works! is a quarterly publication of the Bureau of Construction Codes within the Department of Energy, Labor & Economic Growth.

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Tracie Pack/Margie Hebden

Created under the authority of
1972 PA 230.

<u>Examination</u>	<u>Date</u>	<u>Location</u>	<u>Deadline</u>
Boiler Installer and Repairer	March 3, 4	Okemos	Feb 5
	June 2, 3	Okemos	May 7
Boiler National Board	Mar 3, 4	Lansing	Feb 5
	June 2, 3	Lansing	May 7
Electrical/Fire Alarm/Sign Contractor	March 23	Okemos	Feb 24
	May 19	Okemos	April 21
Fire Alarm Spec. Tech./Sign Spec.	March 24	Okemos	Feb 24
Electrician - Journeyman	Feb 25	Lansing	Jan 27
	May 13	Lansing	April 15
Electrician - Master	Feb 25	Lansing	Jan 27
	May 13	Lansing	April 15
Elevator Journeyman	March 30	Okemos	March 9
	May 25	Okemos	May 4
Elevator Contractor/Cert. of Comp.	March 26	Okemos	Feb 26
	June 11	Okemos	May 14
Mechanical Contractor	March 23	Lansing	Feb 23
Plumbing - Contractor	March 24	East Lansing	
Plumbing - Master and Journey	March 3	East Lansing	

Dates and times are subject to change. Visit the [BCC website](#) for updates.



DELEG is an equal opportunity employer/program. Auxiliary aids, services and other reasonable accommodations are available upon request to individuals with disabilities.